



#13

1/8

SEQUENCE LISTING

<110> Wyrick, John
Young, Richard A.
Ren, Bing
Robert, Francois
Simon, Itamar

<120> Genome-Wide Location and Function of DNA
Binding Proteins

<130> 0399.1212-005

<140> 10/032,281

<141> 2001-12-21

<150> 09/654,409

<151> 2000-09-01

<150> PCT/US00/24358

<151> 2000-09-01

<150> 60/151,972

<151> 1999-09-01

<150> 60/257,455

<151> 2000-12-21

<150> 60/323,620

<151> 2001-09-20

<160> 32

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Mbp 1 consensus binding motifs

<221> misc_feature

<222> 2, 4, 12

<223> n = A,T,C or G

<400> 1

wrrnrwcgcg hn

12

<210> 2

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Swi4 consensus binding motifs

<221> misc_feature
 <222> 1, 2, 3, 4
 <223> n = A,T,C or G

<400> 2
 nnnncrcsaa aw

12

<210> 3
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Mcm1/Fkh2 consensus binding motifs

<221> misc_feature
 <222> 1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 15, 20
 <223> n = A,T,C or G

<400> 3
 nnnnyynnnn nngsnaawwn ryma

24

<210> 4
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Mcm1 consensus binding motifs

<221> misc_feature
 <222> 7, 11
 <223> n = A,T,C or G

<400> 4
 wwtwccnraw nrrgwa

16

<210> 5
 <211> 9
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Ace2 consensus binding motifs

<221> misc_feature
 <222> (1)...(9)
 <223> n = A,T,C or G

<400> 5
 rancmmgca

9

<210> 6
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Ace2 consensus binding motifs

<221> misc_feature
 <222> 6, 7, 8, 11, 14, 16
 <223> n = A,T,C or G

<400> 6
 agggannnwkw nwrnkn

16

<210> 7
 <211> 14
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Swi5 consensus binding motifs

<221> misc_feature
 <222> 2, 3, 4, 7, 8
 <223> n = A,T,C or G

<400> 7
 gnnngggnsc agma

14

<210> 8
 <211> 13
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Swi5 consensus binding motifs

<221> misc_feature
 <222> 2, 3, 8, 12
 <223> n = A,T,C or G

<400> 8
 gnnatgrntg gnk

13

<210> 9
 <211> 8
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Fkh1/Fkh2 consensus binding motifs

<400> 9
 rtaaaca

8

<210> 10
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Fkh1 consensus binding motifs

<221> misc_feature
 <222> 2, 5, 8, 9, 10, 12, 13, 14
 <223> n = A,T,C or G

```

<400> 10
rngsngsnnn gnnnssssy 19

<210> 11
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Fkhl consensus binding motifs

<221> misc_feature
<222> 5, 11
<223> n = A,T,C or G

<400> 11
ttykngagaa nt 12

<210> 12
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Fkhl consensus binding motifs

<221> misc_feature
<222> 4
<223> n = A,T,C or G

<400> 12
kkcnsrssmk ssk 13

<210> 13
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Z1372 MBP1 18 myc forward primer

<400> 13
ataagggcgc agaacagatc atcacaatct caaacgcgaa tagtcatgca tccggttctg 60
ctgctag 67

<210> 14
<211> 67
<212> DNA
<213> Artificial Sequence

<220>
<223> Z1372MBP1 18 myc backward primer

<400> 14
ctatttttca gtatatggat acatgtaaaag ttcctctatt tatgtatatt cctcgaggcc 60
agaagac 67

<210> 15
<211> 67

```

<212> DNA

<213> Artificial Sequence

<220>

<223> Z1335 SWI4 18 myc forward primer

<400> 15

acattgactc aaaattggac gatatagaaa aggatttgag ggcaaacgca tccggttctg 60
ctgctag 67

<210> 16

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Z1335 SWI4 18 myc backward primer

<400> 16

aaaaactctg ataatatagt aaaaattatt ggtacattgt gaattaaaat cctcgaggcc 60
agaagac 67

<210> 17

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Z1373 SWI6 18 myc forward primer

<400> 17

aagacattga cactgacgaa atgcaagatt ttttaaaaaa gcatgcttca tccggttctg 60
ctgctag 67

<210> 18

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Z1373 SWI16 18 myc backward primer

<400> 18

aataacttca aataaagtca taaaagttaa tgcaatgaaa tcacatgccc cctcgaggcc 60
agaagac 67

<210> 19

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Z1448 FKH1 9 myc forward primer

<400> 19

catccatgga cgtaacaaca aacgcaaacg tgaacaattc ctctctgagt tccggttctg 60
ctgctag 67

<210> 20
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1448 FKH1 9 myc backward primer

<400> 20
 ctttgttctt tattgtttta taatacatat gggttcgacg acgctgaatt cctcgaggcc 60
 agaagac 67

<210> 21
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1370 FKH2 18 myc forward primer

<400> 21
 aggaactaat actagatacg gatgggtgcaa agatcagtat tatcaacaac tccggttctg 60
 ctgctag 67

<210> 22
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1370 FKH2 18 myc backward primer

<400> 22
 ccattttctca ttcattttctt tagtcttagt gattcacctt gtttcttgtc cctcgaggcc 60
 agaagac 67

<210> 23
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1369 NDD1 18 myc forward primer

<400> 23
 caaggaaaag ctgtaattct aaatctaata gaaatttatt caattcacag tccggttctg 60
 ctgctag 67

<210> 24
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1369 NDD1 18 myc backward primer

<400> 24
 gcttgaaatt tcgattaata aaaaaaggtg agatgcaagt ttggttaata cctcgaggcc 60
 agaagac 67

<210> 25
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1321 MCM1 18 myc forward primer

<400> 25
 agaatgctgc ctaccaacaa tactttcaag aaccgcaaca aggccaatac tccggttctg 60
 ctgctag 67

<210> 26
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1321 MCM1 18 myc backward primer

<400> 26
 ctttttcttc ttaatgctcg tctatgaatt atatacggaa atcgataaga cctcgaggcc 60
 agaagac 67

<210> 27
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1371 ACE2 18 myc forward primer

<400> 27
 cgcacgagca aaactcgaac cgcacccttt caaacgaaac tgatgctctc tccggttctg 60
 ctgctag 67

<210> 28
 <211> 67
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Z1371 ACE2 18 myc backward primer

<400> 28
 tattgttact attatttatt atgttaatat catgcataga taaatgttcg cctcgaggcc 60
 agaagac 67

<210> 29
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oJW102 primer

<400> 29
 gcggtgaccc gggagatctg aattc

<210> 30
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oJW103 primer

<400> 30
 gaattcagat c

11

<210> 31
 <211> 8
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Forkhead binding motif

<400> 31
 gtaaaca

8

<210> 32
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Gal 4 activator consensus binding motif

<221> misc_feature
 <222> 4, 5, 6, 7, 8, 10, 12, 13, 14
 <223> n = A,T,C or G

<400> 32
 cggnnnnntn bnnnccg

17